ELSEVIER

Thin-Walled Structures **21** (1995) 365–366
© 1995 Elsevier Science Limited
Printed in Great Britain. All rights reserved

Contents of Volume 21

Number 1

1 Linear Elastic Buckling of Plates Subjected to Combined Loads
S. E. SWARTZ & R. J. O'NEILL (USA)

17 A New Formulation for the Vibration Analysis of a Cylindrical Vessel Containing Fluid via the Use of Artificial Spring Systems
L. CHENG & M. J. RICHARD (Canada)

31 A Triangular Conforming Element for Laminated Shells
G. ABU-FARSAKH (Jordan) & M. S. QATU (USA)

43 Dynamic Stiffness Analysis of Toroidal Shells
A. Y. T. LEUNG & N. T. C. KWOK (Hong Kong)

65 Isoparametric Spline Finite Strip for Degenerate Shells
Y. K. CHEUNG & F. T. K. AU (Hong Kong)

Number 2

93 Nonuniform Torsional Analysis of Variable and Open Cross-Section Bars
M. EISENBERGER (Israel)

107 A Fracture Mechanics Based Fatigue Life Prediction for Welded Joints of Square Tubes
J. M. FERREIRA, A. H. PEREIRA & C. M. BRANCO (Portugal)

121 On the Tensile Strength of Rivets in Thin Sheet Materials and Fibre Metal Laminates
W. J. SLAGTER (The Netherlands)

147 Consideration of the Relationships Between Torsion, Distortion and Warping of Thin-Walled Beams
L. F. BOSWELL & Q. LI (UK)

163 Elastic Buckling of Regular Polygonal Plates
K. M. LIEW & C. M. WANG (Singapore)

175 Some Vector Formulas for the Bending and Shearing of Prismatic Beams with Arbitrary Cross Section
C.-C. WANG (USA)

191 Experimental Study of the Natural Frequencies of Rotating Thin-Walled Composite Blades
O. RAND (Israel)

Number 3
Special Issue: Finite Elements for Thin-Walled Structures

iii Guest Editorial

209 Analysis of Plates and Shells with a Simplified Three Node Triangular Element
F. SABOURIN & M. BRUNET (France)

225 Triangular and Rectangular Plane Elasticity Finite Elements
A. B. SABIR & A. SFENDJI (UK)

233 Analysis of Thin-Walled Box Girders by Parallel Processing
A. FAFITIS & A. Y. RONG (USA)

241 Automatic Adaptive Meshing for a Prescribed Accuracy in 2D Elasticity
P. COOREVITS, P. LADEVÈZE & J.-P. PELLE (France)

253 Shallow Shell Finite Element for the Large Deflection Geometrically Nonlinear Analysis of Shells and Plates
A. B. SABIR & M. S. DJOUDI (UK)

269 Finite Element Analysis of Cylindrical–Conical Storage Tanks with Girder Stiffeners
A. B. SABIR & A. I. MOUSA (UK)

279 Finite Element Analysis of Singly and Doubly Curved Dams of Constant or Variable Thickness
M. S. DJOUDI & A. B. SABIR (UK)

Number 4

291 Three-Dimensional Vibrations of Inflatable Dams
C. M. DAKSHINA MOORTHY, J. N. REDDY & R. H. PLAUT (USA)

307 Vibration Attenuation of Panel Structures by Optimally Shaped Viscoelastic Coating with Added Weight Considerations
L. CHENG & R. LAPOINTE (Canada)

327 Vibration and Buckling of Thin-Walled Structures by a New Finite Strip
Y. K. CHEUNG & J. KONG (Hong Kong)

345 Collapse Load Analysis of Square and Rectangular Tubes Subjected to Transverse In-Plane Loading
N. K. GUPTA & A. KHULLAR (India)

359 The Buckling of Thin-Walled Shells Under Static Free-Flood Conditions
C. T. F. ROSS (UK)